

PATENT ASSIGNMENT

Electronic Version v1.1
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SUBMISSION TYPE:	NEW ASSIGNMENT										
NATURE OF CONVEYANCE:	ASSIGNMENT										
CONVEYING PARTY DATA											
<table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th style="width:70%;">Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>Seok Gyun Chang</td> <td>06/30/2006</td> </tr> <tr> <td>Soon Ki Woo</td> <td>06/30/2006</td> </tr> <tr> <td>Youn Han Chang</td> <td>06/30/2006</td> </tr> <tr> <td>Yoo Eup Hyung</td> <td>06/30/2006</td> </tr> </tbody> </table>		Name	Execution Date	Seok Gyun Chang	06/30/2006	Soon Ki Woo	06/30/2006	Youn Han Chang	06/30/2006	Yoo Eup Hyung	06/30/2006
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Youn Han Chang	06/30/2006										
Yoo Eup Hyung	06/30/2006										
RECEIVING PARTY DATA											
Name:	Samsung SDI Co., Ltd.										
Street Address:	575, Shin-dong, Yeongtong-gu										
City:	Suwon-si, Gyeonggi-do										
State/Country:	REPUBLIC OF KOREA										
PROPERTY NUMBERS Total: 1											
<table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th style="width:30%;">Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>12353931</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	12353931						
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Application Number:	12353931										
CORRESPONDENCE DATA											
Fax Number:	(626)577-8800										
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>											
Phone:	(626) 795-9900										
Email:	pto@cph.com										
Correspondent Name:	Christie, Parker & Hale LLP										
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ATTORNEY DOCKET NUMBER:	63319/S1170										
NAME OF SUBMITTER:	D. Bruce Prout										
Total Attachments: 1 source=63319_Assignment#page1.tif											

CH \$40.00 12353931

Docket No.: 57454/S1170

Return to:
CHRISTIE, PARKER & HALE
Post Office Box 7068
Pasadena, CA 91109-7068

ASSIGNMENT

In consideration of good and valuable consideration, the receipt of which is hereby acknowledged, the undersigned,

(1) Seok Gyun CHANG, Soon KI WOO, Youn Han CHANG and Yoo Eup HYUNG

HEREBY SELL(S), ASSIGN(S) AND TRANSFER(S) TO

(2) Samsung SDI. Co., Ltd.

having a place of business at

(3) 575, Shin-dong, Yeongtong-gu, Suwon-si, Gyeonggi-do, Republic of Korea

(hereinafter called "ASSIGNEE") the entire right, title and interest in and to any and all improvements which are disclosed in the application for United States Letters Patent entitled

(4) CYLINDRICAL LITHIUM ION SECONDARY BATTERY HAVING FUNCTION CENTER PIN

which application was:

(a) executed on (5a): _____;

(b) filed on (5b): March 29, 2006;

Application No.: 11/394,171

(CHRISTIE, PARKER & HALE, LLP, P.O. Box 7068, Pasadena, CA 91109-7068) is hereby authorized to insert in (b) the specified data, when known.

including any and all United States Patents which may be granted on said application, and any and all extensions, divisions, reissues, substitutes, renewals or continuations of said application and patents, and the right to all benefits under all international conventions for the protection of industrial property and applications for said improvements.

It is hereby authorized and requested that the Commissioner of Patents issue any and all of said Letters Patent, when granted, to said ASSIGNEE, its assigns or its successors in interest or its designee.

Upon said consideration, it is further agreed that, when requested, without charge to but at the expense of said ASSIGNEE, the undersigned will execute all divisional, continuing, substitute, renewal, and reissue patent applications; execute all rightful other papers; and generally do everything possible which said ASSIGNEE shall consider desirable for aiding in securing and maintaining patent protection as provided herein.

INVENTOR(S)	SIGNATURE	DATE
<u>Seok Gyun CHANG</u>	X <u>[Signature]</u>	X <u>June 30, 2006</u>
<u>Soon Ki WOO</u>	X <u>[Signature]</u>	X <u>2006.6.30</u>
<u>Youn Han CHANG</u>	X <u>[Signature]</u>	X <u>June 30, 2006</u>
<u>Yoo Eup HYUNG</u>	X <u>[Signature]</u>	X <u>2006.6.30</u>

WITNESSES:

PATENT